

(54) RESINOUS BUMPER AND FORMING DIE THEREOF

(11) 5-24491 (A) (43) 2.2.1993 (19) JP

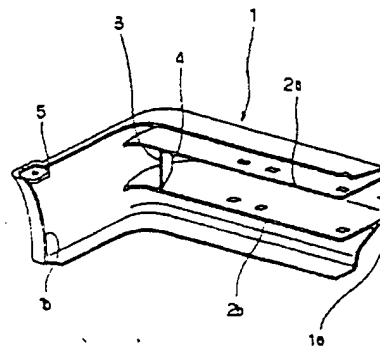
(21) Appl. No. 3-179857 (22) 19.7.1991

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PURPOSE: To provide a resinous bumper having a large impact absorbing ability to external impact in a bumper corner part.

CONSTITUTION: A resinous bumper 1 is constituted in such a way that horizontal directional ribs 2a and 2b are arranged on the reverse 1a of a bumper under an above/below opposing condition, and a vertical directional rib 3 is arranged in a bumper corner part between the horizontal directional ribs 2a and 2b, and the vertical directional rib 3 is arranged so as to turn in the orthogonal direction or in the approximately orthogonal direction to the tangent line in the bumper corner part, and is also arranged so as to separate from the reverse 1a of the bumper by a spatial part 4.



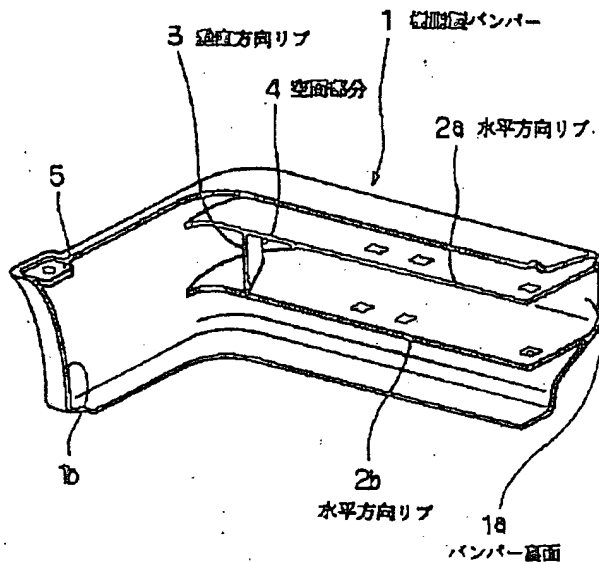
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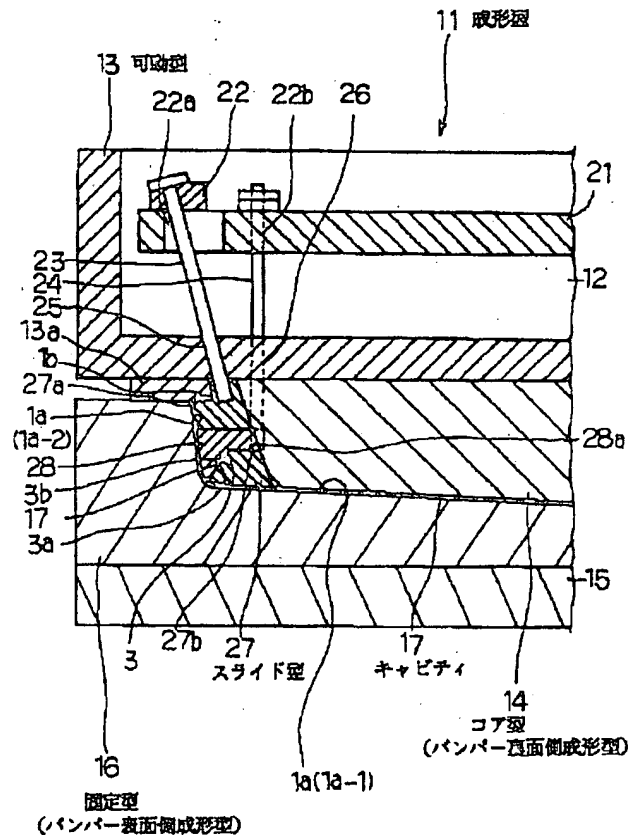
- 1 樹脂製バンパー
 1 a バンパー裏面
 2 a, 2 b 水平方向リブ
 3 垂直方向リブ
 3 a 垂直方向リブのバンパー正面側バンパー裏面に向く一方の面
 3 b 垂直方向リブのバンパー側面側バンパー裏面に向く他方の面

- 4 空間部分
 11 樹脂製バンパーの成形型
 14 コア型 (バンパー裏面側成形型)
 16 固定型 (バンパー表面側成形型)
 17 キャビティ
 27 スライド型
 28 ブロック型

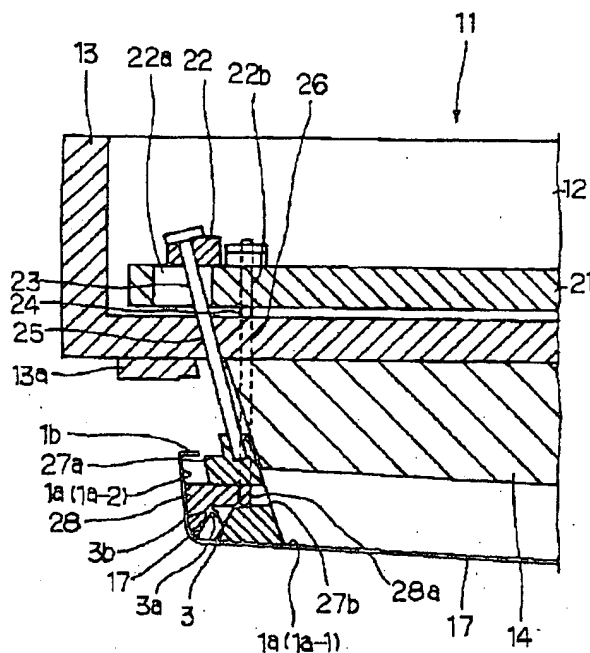
【図1】



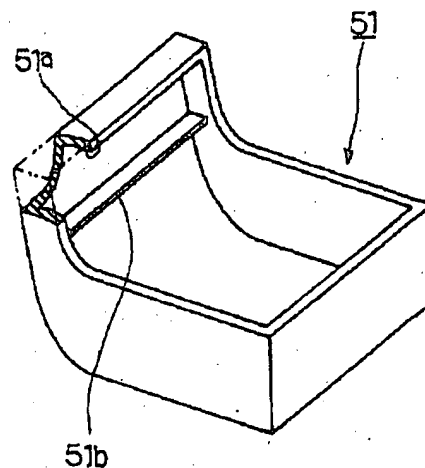
【図2】



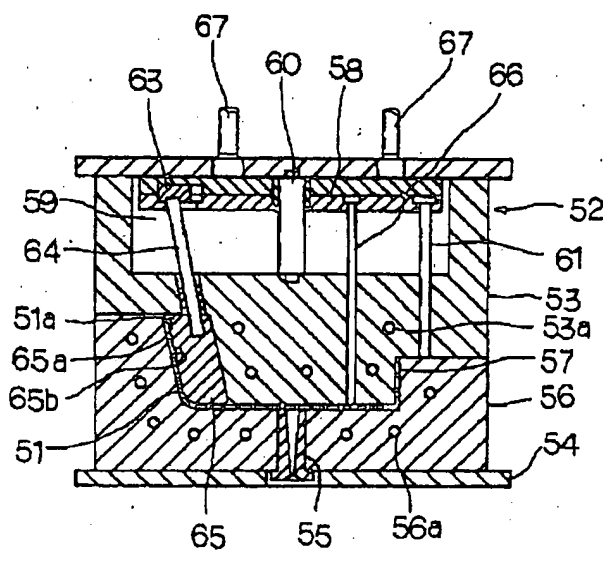
【図3】



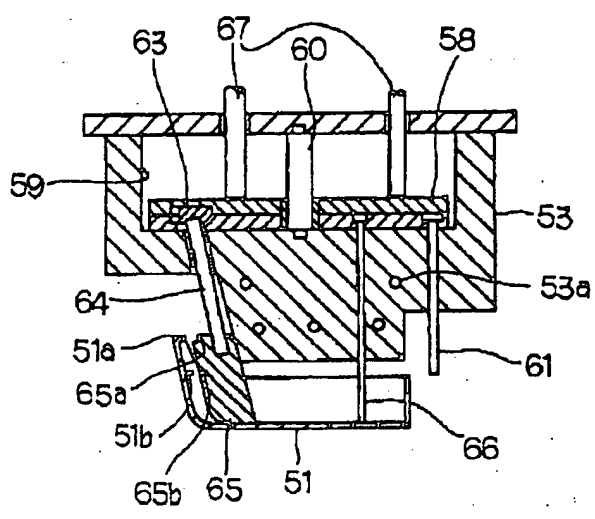
【図4】



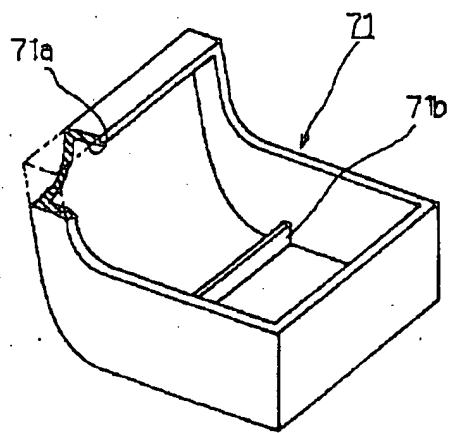
【図5】



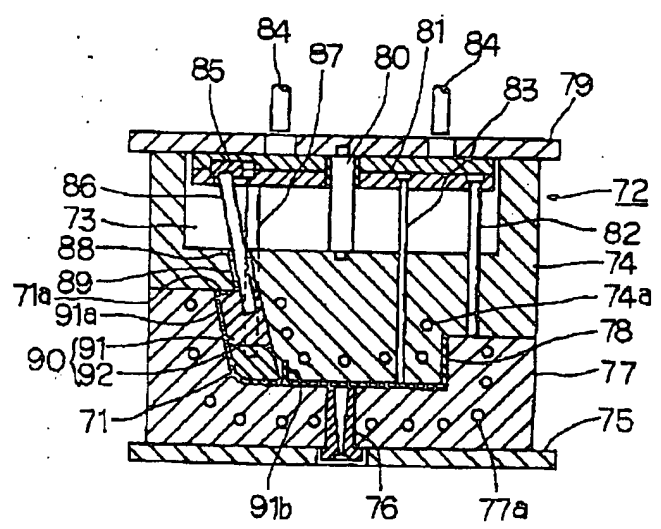
【図6】



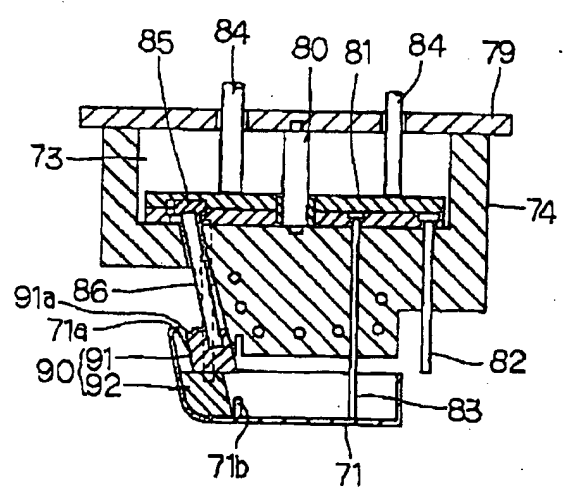
【図7】



【図8】



【図9】



21
12
28a
15
面側成形型

